

WHAT IS CLAIMED IS:

- 1           1.     A synchronization docking station for a handheld computer,  
2     comprising:  
3                 a data connection configured to communicate data from the  
4     docking station to the handheld computer; and  
5                 at least one expansion card connector coupled to the docking  
6     station and configured to communicate data between an expansion card  
7     and the docking station.
- 1           2.     The synchronization docking station of claim 1, wherein the  
2     docking station is a synchronization cradle.
- 1           3.     The synchronization docking station of claim 1, wherein the  
2     at least one expansion card connector is configured to communicate data  
3     between the expansion card and the handheld computer.
- 1           4.     The synchronization docking station of claim 1, wherein the  
2     at least one expansion card connector is disposed within an expansion  
3     card slot, the expansion card slot being integrated into the docking  
4     station.
- 1           5.     The synchronization docking station of claim 1, wherein the  
2     docking station includes a data link configured to communicate data to a  
3     personal computer.
- 1           6.     The synchronization docking station of claim 5, wherein the  
2     data link is a wireless link.
- 1           7.     The synchronization docking station of claim 5, wherein the  
2     personal computer includes a program configured to read the content  
3     stored on the expansion card.

1           8.     The synchronization docking station of claim 1, wherein the  
2     handheld computer includes a program configured to read the content  
3     stored on the expansion card.

1           9.     The synchronization docking station of claim 1, wherein the  
2     docking station includes a data link configured to communicate data to a  
3     communications network.

1           10.    The synchronization docking station of claim 1, wherein the  
2     data link is a wireless link.

1           11.    The synchronization docking station of claim 1, wherein the  
2     expansion card connector is configured to accept both secure digital (SD)  
3     cards and multimedia cards (MMCs).

1           12.    The synchronization docking station of claim 1, wherein the  
2     expansion card connector is configured to couple to and provide power to  
3     a rechargeable battery pack.

1           13.    A system for storing and transferring data, comprising:  
2                   a mobile electronic device;  
3                   a personal computer; and  
4                   a synchronization cradle in communication with the personal  
5     computer and the mobile electronic device, the synchronization cradle  
6     including at least one receptacle for connecting an expansion card  
7     thereto.

1           14.    The system for storing and transferring data of claim 13,  
2     wherein the personal computer includes a program configured to display  
3     the contents of an expansion card located in the at least one receptacle.

1           15.    The system for storing and transferring data of claim 13,  
2    wherein the handheld computer includes a program configured to display  
3    the contents of an expansion card located in the at least one receptacle.

1           16.    The system for storing and transferring data of claim 13,  
2    wherein the mobile electronic device is a handheld computer.

1           17.    The system for storing and transferring data of claim 13,  
2    wherein the mobile electronic device includes a cellular telephone  
3    transceiver.

1           18.    The system for storing and transferring data of claim 13,  
2    wherein the at least one receptacle is configured to receive both secure  
3    digital (SD) cards and multimedia cards (MMCs).

1           19.    The system for storing and transferring data of claim 13,  
2    wherein the at least one receptacle is configured to receive and provide  
3    power to a rechargeable battery pack.

1           20.    The system for storing and transferring data of claim 13,  
2    wherein the synchronization cradle is configured to communicate with the  
3    personal computer over a wireless link.

1           21.    A computer system, comprising:  
2                a communications bus;  
3                a storage device coupled to the communications bus;  
4                a memory coupled to the communications bus;  
5                a processor coupled to the communications bus; and  
6                a synchronization cradle for a handheld computer, the  
7    synchronization cradle including at least one slot for accepting an  
8    expansion card and the synchronization cradle in communications with  
9    the communications bus; and

10 a program stored in the memory and running on the  
11 processor, the program configured to display to a user a listing of the  
12 contents of the expansion card.

1 22. The computer system of claim 21, wherein the program is  
2 configured to display the name of files on the expansion card.

1 23. The computer system of claim 21, wherein the program is  
2 configured to display the size of files on the expansion card.

1 24. The computer system of claim 21, wherein the program is  
2 configured to display the type of the files on the expansion card.

1 25. The computer system of claim 21, wherein the program is  
2 configured to display the date the file on the expansion card was last  
3 modified.

1 26. The computer system of claim 21, wherein the program is  
2 configured to identify all of the expansion cards received in the at least  
3 one slot.

1 27. The computer system of claim 21, wherein the at least one  
2 slot is configured to accept both secure digital (SD) and multimedia cards  
3 (MMCs).

1 28. The computer system of claim 21, wherein the program  
2 enables selective transferring of files between the expansion card and the  
3 storage device.

1 29. The computer system of claim 21, wherein the program  
2 enables selective transferring of files between the expansion card and the  
3 handheld computer.

1           30.    The computer system of claim 21, wherein the program  
2   enables selective transferring of files between more than one expansion  
3   card in the at least one slot.

1           31.    The computer system of claim 21, wherein the expansion  
2   card includes an input/output device.

1           32.    The computer system of claim 31, wherein the expansion  
2   card is a SD input/output (SDIO) card.

1           33.    The computer system of claim 31, wherein the input/output  
2   device is a camera.

1           34.    The computer system of claim 31, wherein the input/output  
2   device is a MPEG3 (MP3) player.

1           35.    A method of exchanging digital files between a memory  
2   device and a computer, the method comprising:  
3                providing a synchronization device for a handheld computer, the  
4   synchronization device including at least one memory device connector;  
5                coupling a memory device to the memory device connector;  
6                running a program on the computer, the program configured to  
7   provide a user interface used to transfer files;  
8                reading the digital files on at least one of the memory device and  
9   the computer; and  
10   transferring at least one digital file.

1           36.    The method of claim 35, wherein the transferring step  
2   transfers a digital file between the computer and the memory device.

1           37.    The method of claim 35, wherein the transferring step transfers  
2   a digital file between a first memory device and a second memory device.

1           38.    The method of claim 35, further comprising:  
2                   coupling a handheld computer to the synchronization device.

1           39.    The method of claim 38, wherein the transferring step  
2   transfers a digital file between the handheld computer and the memory  
3   device.